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(54) Title: REINFORCED HUB FOR THE ROTOR OF A WIND ENERGY TURBINE

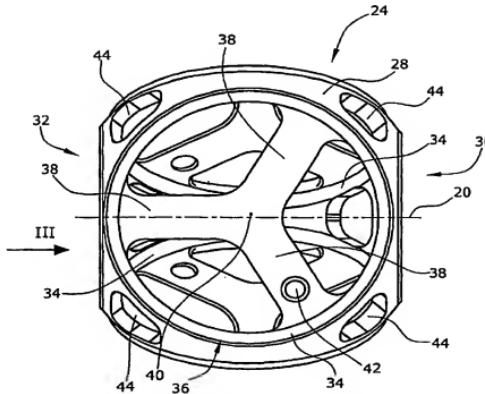
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(57) Abstract: The hub for the rotor (22) of a wind energy turbine (10) comprises a hollow body (28) rotatable around a rotation axis and provided with at least one flange (34) for mounting to the hollow body (28) a bearing for a rotor blade (26) and at least two stiffening webs (38) integrally formed with the hollow body (28) and radially extending within a flange area (36) of the hollow body (28) surrounded by the flange (34) to the center (40) of the flange area (36), wherein at least two openings are provided within the flange area (36) of the hollow body (28).

WO 2004/090326 A1

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	WO 01 42647 A (SCHERER RALF ROGER ;HEERKES HENDRIK JAN (NL); AEROPAC HOLDING B V () 14 June 2001 (2001-06-14) abstract page 10, line 33 - line 36; figures 4,11 ---	1-16
A	US 4 863 352 A (HAUSER AMBROSE A ET AL) 5 September 1989 (1989-09-05) abstract column 2, line 34 - line 37; figures 2,3 ---	1
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